

ABSTRACT

Molds for injection molding a light guide plate in which a plurality of pin gates and/or film gates for injecting a melted resin material for 5 molding into the cavity portion are formed at portions corresponding to the side portions of the product, a room for balancing flow having an ear shaped portion to which the material is supplied is disposed between each gate and a sprue or a runner, and the area of each gate is set so that the temperature of the material introduced into the cavity is higher than that 10 supplied to each room by at least 5°C due to heat generated from shearing when the material passes through the gate; and a process for producing a light guide plate using the molds. Formation of weld lines, sink marks, flow marks and warp is suppressed, and a product exhibiting excellent quality without the necessity of steps of gate cutting and finishing can be 15 obtained.